IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

PULLINI et al

APR 2 1 2006

Atty. Ref.:

4636-57

Serial No.

10/573,919

Group:

(unknown)

National Phase of:

PCT/IB2004/003173

International Filing Date:

29 September 2004

Filed:

March 30, 2006

Examiner:

(Unknown)

For:

MAGNETIC TRANSDUCTION SENSOR DEVICE,

MANUFACTURING PROCESS AND DETECTION PROCESS

THEREFROM

April 21, 2006

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO/SB/08a. Copies of the non-U.S. references are enclosed. This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited. A copy of the International Search Report is also enclosed.

The Examiner is requested to initial the attached form PTO/SB/08a and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

Respectfully submitted. -

NIXON & VANDERHYE P.C.

By:

Duane M. Byers

Reg. No. 33,363

DMB:Ifo

901 North Glebe Road, 11th Floor

Arlington, VA 22203-1808 Telephone: (703) 816-4000 Facsimile: (703) 816-4100

APR 2 1 2006 Sheet of 1 INFORMATION DISCLOSURE CITATION ALL TRADE 4636-57

SERIAL NO.

10/573,919

APPEICANT

PULLINI et al

(Use several sheets if necessary)

FILING DATE

| | (Use several sheets if necessary) | FILING DATE | | GNOOP | | | |
|------------------|--|----------------------|---------------------------------------|--|---------------|--------------------|----------|
| | | March 30, | 2006 | (unknown) | | | |
| | <u> </u> | U.S. F | PATENT DOCUMENTS | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING IF APPRO | DATE |
| HALL | 6,507,187 | 01/2003 | OLIVAS et al | 1 | T | T | OI IIIAI |
| | | | | | | <u> </u> | |
| | 6,476,113 | 11/2002 | HILES | | | <u> </u> | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | <u> </u> | | | | |
| | | | | | | | |
| | | | | | | ļ | |
| | | | | | | <u></u> | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | · · · · · · · · · · · · · · · · · · · | | | <u> </u> | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | - | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | ļ | | |
| | | FOREIG | ON PATENT DOCUMENTS | <u>. </u> | <u></u> | | |
| | | TOTILI | SITT ATENT DOCUMENTS | | | TRANSI | ΑΤΙΟΝ |
| | DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | YES | NC |
| | 0 650 139 | 04/1995 | EP | | | 1 | |
| | 63247631 | 10/1988 | | | | Abstract | |
| | 00247001 | 10/1900 | Japan | | | Abstract | |
| | | | | | | ļļ | |
| | | | | | | | |
| | | | | | - | | |
| | | | | | | | |
| | | | | | | | |
| | OTHER | DOCUMENTS (inclu | ding Author, Title, Date, P | ertinent pages, etc. |) | | |
| T | OLSON, E.R., et al, "In | tegrating Giant Magr | netoresistive Current and The | ermal Sensors in Pov | ver Electroni | c Modules | s," IEI |
| <u> </u> | US, vol. 1, 9 February | 2003, pages 773-777 | , XP002334290 New York | | | | |
| | International Search Re | eport | | | | | |
| 1 | + | | | | | | |
| | | | | | | | |
| | | | | | | | |

communication to application.

Form PTO FB A820 (Also PTO/SB/08A)